

FILEID**LIBDCFDEF

K 12

LL IIIIIII BBBBBBBBBB DDDDDDDDD CCCCCCCCC FFFFFFFFF DDDDDDDDD EEEEEEEEEE FFFFFFFFFF
LL IIIIII BBBBBBBBBB DDDDDDDDD CCCCCCCCC FFFFFFFFF DDDDDDDDD EEEEEEEEEE FFFFFFFFFF
LL II BB BB DD DD CC FF DD DD EE FF
LL II BB BB DD DD CC FF DD DD EE FF
LL II BB BB DD DD CC FF DD DD EE FF
LL II BB BB DD DD CC FF DD DD EE FF
LL II BBBBBBBBBB DD DD CC FFFFFFFF DD DD EEEEEEEE FFFFFFFF
LL II BBBBBBBBBB DD DD CC FFFFFFFF DD DD EEEEEEEE FFFFFFFF
LL II BB BB DD DD CC FF DD DD EE FF
LL II BB BB DD DD CC FF DD DD EE FF
LL II BB BB DD DD CC FF DD DD EE FF
LL II BB BB DD DD CC FF DD DD EE FF
LL LLLLLLLL IIIII BBBBBBBBBB DDDDDDDDD CCCCCCCCC FFF DDDDDDDDD EEEEEEEEEE FF
LL LLLLLLLL IIIII BBBBBBBBBB DDDDDDDDD CCCCCCCCC FFF DDDDDDDDD EEEEEEEEEE FF

SSSSSSSS	DDDDDDDD	LL
SSSSSSSS	DDDDDDDD	LL
SS	DD	DD
SSSSSS	DD	DD
SSSSSS	DD	DD
SS	DD	DD
SSSSSSSS	DDDDDDDD	LLLLLLLL
SSSSSSSS	DDDDDDDD	LLLLLLLL

```
MODULE $LIBDCFDEF: /* Definitions for LIB$DECODE_FAULT
```

```
*****  
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*****
```

```
/*  
/* Operand definition codes  
/*
```

```
AGGREGATE LIB$B_DCF_OPERAND STRUCTURE PREFIX LIB$;  
    DCFACC      BITFIELD LENGTH 3 MASK; /* Operand access type  
    DCFTYP      BITFIELD LENGTH 5 MASK; /* Operand data type  
END LIB$B_DCF_OPERAND;
```

```
/*  
/* Operand access type codes  
/*
```

```
CONSTANT {  
    DCFACC_R      /* Operand is to be read  
    , DCFACC_M      /* Operand is to be modified  
    , DCFACC_W      /* Operand is to be written  
    , DCFACC_A      /* Operand is an address  
    , DCFACC_V      /* Operand is a field (may be register or address)  
    , DCFACC_B      /* Operand is a branch displacement  
} EQUALS 1 INCREMENT 1 PREFIX LIB$;
```

```
/*  
/* Operand data type codes  
/*
```

```
CONSTANT {  
    DCFTYP_B      /* Operand is a byte  
    , DCFTYP_W      /* Operand is a word  
    , DCFTYP_L      /* Operand is a longword  
    , DCFTYP_Q      /* Operand is a quadword  
    , DCFTYP_O      /* Operand is an octaword  
    , DCFTYP_F      /* Operand is an F floating  
    , DCFTYP_D      /* Operand is a D_floating
```

```
* DCFTYP_G /* Operand is a G floating
* DCFTYP_H /* Operand is an R floating
) EQUALS 1 INCREMENT 1 PREFIX LIBS;

/*
/* Combined operand access and data type codes
/*
#ACC_A = 0;
#ACC_R = 1;
#ACC_M = 2;
#ACC_W = 3;
#ACC_V = 4;
#ACC_B = 5;
#TYP_B = 1@3;
#TYP_W = 2@3;
#TYP_L = 3@3;
#TYP_Q = 4@3;
#TYP_O = 5@3;
#TYP_F = 6@3;
#TYP_D = 7@3;
#TYP_G = 8@3;
#TYP_H = 9@3;

CONSTANT DCFOPR_AB EQUALS #ACC_A+#TYP_B PREFIX LIBS;
CONSTANT DCFOPR_RB EQUALS #ACC_R+#TYP_B PREFIX LIBS;
CONSTANT DCFOPR_MB EQUALS #ACC_M+#TYP_B PREFIX LIBS;
CONSTANT DCFOPR_WB EQUALS #ACC_W+#TYP_B PREFIX LIBS;
CONSTANT DCFOPR_VB EQUALS #ACC_V+#TYP_B PREFIX LIBS;
CONSTANT DCFOPR_BB EQUALS #ACC_B+#TYP_B PREFIX LIBS;

CONSTANT DCFOPR_AW EQUALS #ACC_A+#TYP_W PREFIX LIBS;
CONSTANT DCFOPR_RW EQUALS #ACC_R+#TYP_W PREFIX LIBS;
CONSTANT DCFOPR_MW EQUALS #ACC_M+#TYP_W PREFIX LIBS;
CONSTANT DCFOPR_FW EQUALS #ACC_W+#TYP_W PREFIX LIBS;
CONSTANT DCFOPR_VW EQUALS #ACC_V+#TYP_W PREFIX LIBS;
CONSTANT DCFOPR_BW EQUALS #ACC_B+#TYP_W PREFIX LIBS;

CONSTANT DCFOPR_AL EQUALS #ACC_A+#TYP_L PREFIX LIBS;
CONSTANT DCFOPR_RL EQUALS #ACC_R+#TYP_L PREFIX LIBS;
CONSTANT DCFOPR_DL EQUALS #ACC_M+#TYP_L PREFIX LIBS;
CONSTANT DCFOPR_WL EQUALS #ACC_W+#TYP_L PREFIX LIBS;
CONSTANT DCFOPR_VL EQUALS #ACC_V+#TYP_L PREFIX LIBS;
CONSTANT DCFOPR_BL EQUALS #ACC_B+#TYP_L PREFIX LIBS;

CONSTANT DCFOPR_AQ EQUALS #ACC_A+#TYP_Q PREFIX LIBS;
CONSTANT DCFOPR_RQ EQUALS #ACC_R+#TYP_Q PREFIX LIBS;
CONSTANT DCFOPR_MQ EQUALS #ACC_M+#TYP_Q PREFIX LIBS;
CONSTANT DCFOPR_WQ EQUALS #ACC_W+#TYP_Q PREFIX LIBS;
CONSTANT DCFOPR_VQ EQUALS #ACC_V+#TYP_Q PREFIX LIBS;

CONSTANT DCFOPR_AO EQUALS #ACC_A+#TYP_O PREFIX LIBS;
CONSTANT DCFOPR_RO EQUALS #ACC_R+#TYP_O PREFIX LIBS;
CONSTANT DCFOPR_MO EQUALS #ACC_M+#TYP_O PREFIX LIBS;
CONSTANT DCFOPR_WO EQUALS #ACC_W+#TYP_O PREFIX LIBS;
CONSTANT DCFOPR_VO EQUALS #ACC_V+#TYP_O PREFIX LIBS;
```

```
CONSTANT DCFOPR_AF EQUALS #ACC_A+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_RF EQUALS #ACC_R+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_MF EQUALS #ACC_M+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_WF EQUALS #ACC_W+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_VF EQUALS #ACC_V+#TYP_F PREFIX LIB$;
```

```
CONSTANT DCFOPR_AD EQUALS #ACC_A+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_RD EQUALS #ACC_R+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_MD EQUALS #ACC_M+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_WD EQUALS #ACC_W+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_VD EQUALS #ACC_V+#TYP_D PREFIX LIB$;
```

```
CONSTANT DCFOPR_AG EQUALS #ACC_A+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_RG EQUALS #ACC_R+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_MG EQUALS #ACC_M+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_WG EQUALS #ACC_W+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_VG EQUALS #ACC_V+#TYP_G PREFIX LIB$;
```

```
CONSTANT DCFOPR_AH EQUALS #ACC_A+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_RH EQUALS #ACC_R+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_MH EQUALS #ACC_M+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_WH EQUALS #ACC_W+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_VH EQUALS #ACC_V+#TYP_H PREFIX LIB$;
```

```
CONSTANT DCFOPR_END EQUALS 0 PREFIX LIB$;
```

```
/*  
END_MODULE;
```

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VAX/VMS V4.0

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